LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A method comprising:

      determining based at least in part on content of a locator of a first information page requested to be retrieved and displayed on a client system, whether to provide information browsing assistance for the first information page, amplifying information of the first information page, said content of the locator identifying the first information page and a location from which the first information page is to be retrieved, said determining comprising analyzing the content of the locator of the first information page to determine whether the locator satisfies a locator based condition abstracting a plurality of locators of a plurality of locations having information that amplifies the information of the first information page; and

      conditionally providing said information browsing assistance based at least in part on said determination.

2. (Previously presented) The method of claim 1, wherein said locator comprises a uniform resource locator (URL).

3. (Canceled)

4. (Currently Amended) The method of claim 1, wherein

      said locator comprises a uniform resource locator (URL);

      said ~~determining comprises analyzing whether said URL satisfies a~~locator based condition is a URL based condition for providing information browsing assistance~~is met~~.

and said determining comprises analyzing whether said URL satisfies the URL based condition.

5. (Currently Amended) The method of claim 4, wherein
    said URL based condition comprises a URL pattern abstracting a plurality of URLs of the plurality of locations having information that amplifies the information of the first information pagespecifying a family of URLs; and
    said analysis comprises matching said URL against a plurality of URL patterns.

6. (Original) The method of claim 5, wherein
    each URL pattern comprises a plurality of portions correspondingly stored in a plurality of nodes of a tree data structure, with the plurality of nodes having a child leaf node specifying information browsing assistance to be provided; and
    said matching comprises traversing said tree data structure.

7. (Original) The method of claim 6, wherein the method further comprises downloading said tree data structure from a server system onto said client system.

8. (Original) The method of claim 5, wherein the method further comprises downloading said URL patterns and their corresponding information browsing assistance specifications from a server system onto said client system.

9. (Original) The method of claim 4, wherein the method further comprises downloading said URL based conditions and their corresponding information browsing assistance specifications from a server system onto said client system.

10. (Original) The method of claim 1, wherein said information browsing assistance comprises displaying a second information page.

11. (Original) The method of claim 10, wherein said second information page effectively replaces said first information page.

12. (Original) The method of claim 10, wherein said second information page is additionally displayed complementing said first information page.

13. (Original) The method of claim 10, wherein said second information page comprises a plurality of locators identifying a plurality of information pages and corresponding locations from which the identified information pages of said second information page are to be retrieved.

14. (Previously Presented) The method of claim 1, wherein said information browsing assistance comprises modifying one or more environment attributes of the browsing environment within which said determining and conditional provision of information browsing assistance are performed.

15. (Previously Presented) The method of claim 14, wherein said one or more environment attributes comprise one or more of a display resolution attribute, a color resolution attribute, a font selection attribute, a media player preference attribute, an add-on selection attribute, and a plug-in selection attribute.

16. (Original) The method of claim 1, wherein the method further comprises receiving a request to retrieve and display said first information page, said request including said locator.

17. (Original) The method of claim 16, wherein the method further comprises

in response to said receive of a request, notifying a monitor function of a browser helper of said receipt; and

said monitor function, in response to receipt of said notification, notifying an analyzer function of said browser helper, which performs said determining and conditional provision of information browsing assistance.

18. (Original) The method of claim 17, wherein the method further comprises executing said monitor function as an extension of a browser, and executing said analyzer function external to said browser.

19. (Currently Amended) An apparatus comprising:

storage medium having stored therein executable instructions designed to enable the apparatus to,

determine, based at least in part on content of a locator of a first information page requested to be retrieved and displayed, whether to provide information browsing assistance, amplifying information of the first information page, said determining comprising analyzing the content of the locator of the first information page to determine whether the locator satisfies a locator based condition abstracting a plurality of locators of a plurality of locations having information that amplifies the information of the first information page;

said content of the locator identifying the first information page and a location from which the first information page is to be retrieved,
and

conditionally provide said information browsing assistance based at least in part on said determination; and

at least one processor coupled to the storage medium to execute the executable instructions.

20. (Original) The apparatus of claim 19, wherein said locator comprises a uniform resource locator (URL).

21. (Canceled)

22. (Currently Amended) The apparatus of claim 19, wherein

said locator comprises a uniform resource locator (URL); and

~~said locator based condition is a URL based condition and~~ said executable instructions are designed to enable the apparatus to perform said determining by analyzing whether said URL satisfies a URL based condition for providing information browsing assistance ~~is met~~.

23. (Currently Amended) The apparatus of claim 22, wherein

said URL based condition comprises a URL pattern abstracting a plurality of URLs of the plurality of locations having information that amplifies the information of the first information page~~specifying a family of URLs~~; and

said executable instructions are designed to enable the apparatus to perform said analysis by matching said URL against a plurality of URL patterns.

24. (Original) The apparatus of claim 23, wherein

each URL pattern comprises a plurality of portions correspondingly stored in a plurality of nodes of a tree data structure, with the plurality of nodes having a child leaf node specifying information browsing assistance to be provided; and

said executable instructions are designed to enable the apparatus to perform said matching comprises traversing said tree data structure.

25. (Original) The apparatus of claim 19, wherein said executable instructions are designed to enable the apparatus to provide said information browsing assistance by displaying a second information page.

26. (Original) The apparatus of claim 25, wherein said executable instructions are designed to enable the apparatus to display said second information page in a manner that effectively replaces said first information page.

27. (Original) The apparatus of claim 25, wherein said executable instructions are designed to enable the apparatus to additionally display said second information page complementary to said first information page.

28. (Original) The apparatus of claim 25, wherein said second information page comprises a plurality of locators identifying a plurality of information pages and corresponding locations from which the identified information pages of said second information page are to be retrieved.

29. (Previously Presented) The apparatus of claim 19, wherein said executable instructions are designed to enable the apparatus to provide said information browsing assistance by modifying one or more environment attributes of the browsing environment within which said determining and conditional provision of information browsing assistance are performed.

30. (Previously Presented) The apparatus of claim 29, wherein said one or more environment attributes comprise one or more of a display resolution attribute, a color resolution attribute, a font selection attribute, a media player preference attribute, an add-on selection attribute, and a plug-in selection attribute.

31. (Original) The apparatus of claim 19, wherein said executable instructions are further designed to enable the apparatus to receive a request to retrieve and display said first information page, said request including said locator.

32. (Original) The apparatus of claim 31, wherein said executable instructions are designed to implement a browser helper including at least a monitor function and an analyzer function, with the monitor function of the browser helper being designed to receive a notification of said receipt, and in response, notifying said analyzer function of receipt of said notification, and said analyzer function in turn performs said determining and conditional provision of information browsing assistance.

33. (Original) The apparatus of claim 32, wherein said executable instructions are designed to implement said monitor function as an extension of a browser, and said analyzer function as an external function to said browser.

34. (Original) The apparatus of claim 33, wherein the apparatus is a selected one of a wireless telephone, a palm sized personal digital assistant, a notebook computer, a desktop computer, and a set top box.

35. (Currently Amended) A method comprising:

receiving a request from a client system for executable instructions designed to enable the client system to conditionally provide information browsing assistance, amplifying information of the first information page, based at least in part on content of a locator of a first information page requested to be retrieved and displayed, said content of the locator identifying said first information page and a location from which said first information page is to be retrieved, said providing further based on an analyses of the content of the locator of the first information page to determine whether the locator satisfies a locator based condition

abstracting a plurality of locators of a plurality of locations having information that amplifies the information of the first information page; and

      in response, providing said client system with said requested executable instructions.

36. (Original) The method of claim 35, wherein said locator is a uniform resource locator (URL).

37. (Currently Amended) The method of claim 35, wherein said executable instructions are designed to perform a selected one of (a) enabling the client system to determine whether a the locator based condition for providing information browsing assistance is met, and (b) enabling the client system to provide said locator to a server system for the server system to determine for said client system whether a the locator based condition for providing information browsing assistance is met.

38. (Previously Presented) The method of claim 37, wherein said server system is the same server system performing said receiving and said responsive providing.

39. (Currently Amended) The method of claim 35, wherein
said locator comprises a uniform resource locator (URL) and said locator based condition is a URL based condition; and
said executable instructions are designed to perform a selected one of (a) to enable the client system to determine whether said URL satisfies a the URL based condition for providing information browsing assistance is met, and (b) to enable the client system to provide said URL to a [[ ]]server system for the server system to determine for said client system whether a the locator based condition for providing information browsing assistance is met.

40. (Currently Amended) The method of claim 39, wherein

said URL based condition comprises a URL pattern ~~abstracting a plurality of URLs of the plurality of locations having information that amplifies the information of the first information page~~specifying a family of URLs; and

either (a) said executable instructions are designed to enable the client system to match said URL against a plurality of URL patterns, or (b) the method further comprises a server system matching said URL against a plurality of URL patterns for said client system.

41. (Previously Presented) The method of claim 40, wherein
each URL pattern comprises a plurality of portions correspondingly stored in a plurality of nodes of a tree data structure, with the plurality of nodes having a child leaf node specifying information browsing assistance to be provided; and
either (a) said executable instructions are designed to enable the client system to perform said matching by traversing said tree data structure, or (b) the method further comprises a server system performing said matching by traversing said tree data structure for said client system.

42. (Previously presented) The method of claim 35, wherein either (a) said executable instructions are designed to enable the client system to provide said information browsing assistance by displaying a second information page, or (b) the method further comprises a server system providing said information browsing assistance to said client system by causing a second information page to be displayed on said client system.

43. (Original) The method of claim 42, wherein said second information page is displayed in a manner that effectively replaces said first information page.

44. (Original) The method of claim 42, wherein said second information page is additionally displayed in a manner that is complementary to said first information page.

45. (Original) The method of claim 42, wherein said second information page comprises a plurality of locators identifying a plurality of information pages and corresponding locations from which the identified information pages of said second information page are to be retrieved.

46. (Previously Presented) The method of claim 35, wherein either (a) said executable instructions are designed to enable the client system to provide said information browsing assistance by modifying one or more environment attributes of the browsing environment of said client system, or (b) the method further comprises a server system providing said information browsing assistance to said client system by modifying an environment attribute of the browsing environment of said client system.

47. (Previously Presented) The method of claim 46, wherein said one or more environment attributes comprise one or more of a display resolution attribute, a color resolution attribute, a font selection attribute, a media player preference attribute, an add-on selection attribute, and a plug-in selection attribute.

48. (Previously presented) The method of claim 35, wherein said executable instructions are designed to implement a browser helper including at least a monitor function, designed to receive a notification of a receipt of a request for said first information page, and in response, notifying an analyzer function of receipt of said notification.

49. (Previously Presented) The method of claim 48, wherein either (a) said browser helper further includes said analyzer function to perform said conditional provision of information browsing assistance, in response to receipt of said notification, or (b) the method further includes a server having said analyzer function to perform said conditional provision of

information browsing assistance for said client system, in response to receipt of said notification from said client system.

50. (Currently Amended) A server system comprising:

storage medium having stored therein at least a selected one of

(a) first executable instructions designed to enable a first client system to conditionally provide information browsing assistance to itself, amplifying information of a first information page, based at least in part on content of a first locator of a the first information page requested to be retrieved and displayed, said providing further based on an analyses of the content of the first locator of the first information page to determine whether the first locator satisfies a first locator based condition abstracting a first plurality of locators of a first plurality of locations having information that amplifies the information of the first information page, and second executable instructions designed to provide the first client system with said first executable instructions in response to a request by the first client system for said first executable instructions, and

(b) third executable instructions designed to enable the server system to conditionally provide information browsing assistance to a second client system, amplifying information of a second information page, based at least in part on content of a second locator of a the second information page requested to be retrieved and displayed for said second client system, said providing further based on an analyses of the content of the second locator of the second information page to determine whether the second locator satisfies a second locator based condition abstracting a second plurality of locators of a second plurality of locations having information that amplifies the information of the second information page,

said content of the first and second locators identifying said first and second information pages, and a first and a second location from which said first and second information pages are to be retrieved respectively; and

at least one processor coupled to the storage medium to execute at least one of said second and third executable instructions.

51. (Previously presented) The server system of claim 50, wherein said locator comprises a uniform resource locator (URL).

52. (Currently Amended) The server system of claim 50, wherein

said first executable instructions are designed to enable the first client system to determine whether a-the first locator based condition for providing information browsing assistance is met, and

said third executable instructions are design to enable the server system to determine for said second client system whether a-the second locator based condition for providing information browsing assistance is met.

53. (Currently Amended) The server system of claim 50, wherein

said first and second locators comprise a first and a second uniform resource locator (URL), respectively and said first and second locator based conditions are a first and second URL based condition, respectively[[;]][.]

~~said first executable instructions are designed to enable the first client system to determine whether said first URL satisfies a first URL based condition for providing information browsing assistance is met; and~~

~~said third executable instructions are design to enable the server system to determine for said second client system whether said second URL satisfies a second URL based condition for providing information browsing assistance is met.~~

54. (Currently Amended) The server system of claim 53, wherein

said first and second URL based condition comprise a first and a second URL pattern, respectively;

said first and second URL patterns abstract a first and second plurality of URLs, respectively, of the first and second plurality of locations having information that amplifies the

information of the first and second information page~~specify a first and a second family of~~ ~~URLs, respectively~~;

said first executable instructions are designed to enable the first client system to match said first URL against a first plurality of URL patterns; and

said third executable instructions are design to enable the server system to match said second URL against a second plurality of URL patterns for said second client system.

55. (Original) The server system of claim 54, wherein

each URL pattern comprises a plurality of portions correspondingly stored in a plurality of nodes of a tree data structure, with the plurality of nodes having a child leaf node specifying information browsing assistance to be provided; and

said first executable instructions are designed to enable the first client system to perform said matching by traversing a first tree data structure;

said third executable instructions are designed to enable the server system to perform said matching by traversing a second tree data structure for said second client system.

56. (Original) The server system of claim 50, wherein

said first executable instructions are designed to enable the first client system to provide said information browsing assistance by displaying a second information page; and

said third executable instructions are designed to enable the server system to provide said information browsing assistance to said client system by causing a second information page to be displayed on said client system.

57. (Original) The server system of claim 56, wherein said second information page is displayed in a manner that effectively replaces said first information page.

58. (Original) The server system of claim 56, wherein said second information page is additionally displayed in a manner that is complementary to said first information page.

59. (Original) The server system of claim 56, wherein said second information page comprises a plurality of locators identifying a plurality of information pages and corresponding locations from which the identified information pages of said second information page are to be retrieved.

60. (Previously Presented) The server system of claim 50, wherein
said first executable instructions are designed to enable the first client system to provide said information browsing assistance by modifying at least a first environment attribute of the browsing environment of said first client system; and
said third executable instructions are designed to enable the server system to provide said information browsing assistance to said client system by modifying at least a second environment attribute of the browsing environment of said second client system.

61. (Previously Presented) The server system of claim 60, wherein each of said at least first and second environment attributes comprise one or more of a display resolution attribute, a color resolution attribute, a font selection attribute, a media player preference attribute, an add-on selection attribute, and a plug-in selection attribute.

62. (Previously presented) The server system of claim 50 wherein said first executable instructions are designed to implement a browser helper including at least a monitor function, designed to receive a notification of a receipt of a request for said first information page, and in response, notifying an analyzer function of receipt of said notification.

63. (Original) The server system of claim 62, wherein said browser helper further includes said analyzer function to perform said conditional provision of information browsing assistance, in response to receipt of said notification.

64. (Currently Amended) A computer readable medium comprising:

a storage medium; and

a plurality of executable instruction stored in the storage medium, and designed to enable a client system to conditionally provide information browsing assistance to itself, amplifying information of a first information page, based at least in part on content of a first locator of a-the first information page requested to be retrieved and displayed on the client system, said providing further based on an analyses of the content of the first locator of the first information page to determine whether the first locator satisfies a first locator based condition abstracting a first plurality of locators of a first plurality of locations having information that amplifies the information of the first information page.

65. (Currently Amended) A computer readable medium comprising:

a storage medium; and

at least a first or a second plurality of instructions stored in the storage medium,

the first executable instructions designed to enable a first server system to provide a first client system with third executable instructions in response to a request by the first client system for said third executable instructions, the third executable instructions designed to enable the first client system to conditionally provide information browsing assistance to itself, amplifying information of a first information page, based at least in part on content of a first locator of a-the first information page requested to be retrieved and displayed on the first client system, said providing further based on an analyses of the content of the first locator of the first information page to determine whether the first locator satisfies a first locator based condition abstracting a first plurality of locators of a first plurality of locations having information that amplifies the information of the first information page, and

the second executable instructions designed to enable the first or a second server system to conditionally provide information browsing assistance to a second client system, amplifying information of a second information page, based at least in part on content of a second locator of a the second information page requested to be retrieved and displayed for said second client system, said providing further based on an analyses of the content of the second locator of the second information page to determine whether the second locator satisfies a second locator based condition abstracting a second plurality of locators of a second plurality of locations having information that amplifies the information of the second information page; said content of the first and second locators identifying said first and second information pages, and a first and a second location from which said first and second information pages are to be retrieved respectively.